

Arnab Dhar

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EXPERIENCE

Pitangent Analytics & Technology Solutions

Kolkata

Data Scientist

Jun, 2023 - Present

- Trained NLP and generative models like BERT, Llama, and Mistral on AWS Sagemaker for sentiment analysis, chatbots, and RAG applications.
- Deployed chatbots using OpenAI, Anthropic, and Amazon Bedrock with LLM monitoring via LangSmith, OpenTelemetry, and Grafana.
- Conducted R&D for clients on image generation, LLM quantization, and resource-efficient LLM training.

ViTWO

Kolkata

Associate Data Scientist

Nov, 2021 - Jun, 2023

- Developed ETL pipelines in Azure Data Factory to connect MySQL and MongoDB with backend applications and PowerBI.
- Trained and deployed computer vision and document extraction models, including YOLOv8, TrOCR, and LayoutLM.

PROJECTS

HR Chatbot

LangChain, Huggingface, Docker

Simplified Communications with HRD

2023-2024

- Trained Llama2 model to answer common HR related queries for both Employees and HR people.
- Integrated OpenAI's function calling for advanced tasks like leave requests and reimbursements.

vitwo.ai

ERP driven by AI

Python, Azure, PyTorch

2021 - 2023

- Product Page: <https://vitwo.ai>
- Developed seamless ETL pipelines on Azure Datafactory improving efficiency of development cycles.
- Developed a document extraction system to automate data extraction from sales invoices, credit notes, and purchase bills.

SKILLS

- Python
- Pytorch
- AutoML
- LangChain
- Grafana Stack
- Docker
- AWS
- Azure

EDUCATION

Banaras Hindu University

M. Sc. Statistics

2020


University of Calcutta


B. Sc. (Hons) Statistics

2018

PUBLIC LINKS

 /arnab-dhar

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 Huggingface